

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-16 (Canceled)

17. (New) A surface coated powdered manganese sulfide, wherein surface coat comprises at least one coating agent selected from the group consisting of a wax, an ester of an inorganic or organic acid, an oil, a low-melting polymer, and a mono- or multi-functional aliphatic alcohol with 2 to 12 carbon atoms, wherein the coating agent is present in an amount of 0.01 to 10 wt.% relative to the weight of the manganese sulfide.
18. (New) The manganese sulfide according to claim 17 wherein the powdered manganese sulfide has a particle size of 1 to 200 μm .
19. (New) The manganese sulfide according to claim 17 wherein the powdered manganese sulfide has a particle size of 1 to 10 μm .
20. (New) The manganese sulfide according to claim 17 wherein the low melting polymer has a melting point of less than 150°C and is a polyester, polyamide or a polyaliphatic compound.
21. (New) The manganese sulfide according to claim 18 wherein the low melting polymer has a melting point under 150°C and is a polyester, polyamide or a polyaliphatic compound.
22. (New) The manganese sulfide according to claim 19 wherein the ester of the inorganic acid is a phosphoric acid ester.
23. (New) The manganese sulfide according to claim 17 wherein the ester of the inorganic acid is a phosphoric acid ester.
24. (New) The manganese sulfide according to claim 18 wherein the ester of the inorganic acid is a phosphoric acid ester.

25. (New) The manganese sulfide according to claim 19 wherein the ester of the inorganic acid is a phosphoric acid ester.
26. (New) The manganese sulfide according to claim 23 wherein the phosphoric acid ester is diphenylcresylphosphate or triphenylphosphate.
27. (New) The manganese sulfide according to claim 24 wherein the phosphoric acid ester is diphenylcresylphosphate or triphenylphosphate.
28. (New) The manganese sulfide according to claim 25 wherein the phosphoric acid ester is diphenylcresylphosphate or triphenylphosphate.
29. (New) The manganese sulfide according to claim 17 wherein the oil is selected from a paraffinic oil or silicon oil.
30. (New) The manganese sulfide according to claim 18 wherein the oil is selected from a paraffinic oil or silicon oil.
31. (New) The manganese sulfide according to claim 19 wherein the oil is selected from a paraffinic oil or silicon oil.
32. (New) A method of producing surface-modified manganese sulfide (MnS), comprising:
providing powdered manganese sulfide;
adding a coating agent to the manganese sulfide in an amount of 0.01 to 10 wt.% relative to the weight of the manganese sulfide to thereby coat the manganese sulfide;
wherein the coating agent is selected from the group consisting of a wax, an ester of an inorganic or an organic acid, an oil, a low melting polymer, and a mono- to multi-functional aliphatic alcohol with 2 to 12 carbon atoms or mixtures thereof; and
wherein the mixture of the coating agent and the manganese sulfide is mixed for a period of time sufficient to ensure a homogeneous mixture.
33. (New) The method according to claim 32 wherein the manganese sulfide has a particle size from 1 to 200 μm .

34. (New) The method according to claim 32 wherein the manganese sulfide has a particle size from 1 to 10 μm .
35. (New) The method according to claim 32 wherein the coating agent is added in an amount of 0.01 to 5.0 wt.%, relative to the weight of the manganese sulfide used.
36. (New) The method according to claim 33 wherein the coating agent is added in an amount of 0.01 to 5.0 wt.%, relative to the weight of the manganese sulfide used.
37. (New) The method according to claim 34 wherein the coating agent is added in an amount of 0.01 to 5.0 wt.%, relative to the weight of the manganese sulfide used.
38. (New) The method according to claim 32 wherein the coating agent is added in an amount of 1.0 to 3.0 wt.%, relative to the weight of the manganese sulfide used.
39. (New) The method according to claim 33 wherein the coating agent is added in an amount of 1.0 to 3.0 wt.%, relative to the weight of the manganese sulfide used.
40. (New) The method according to claim 34 wherein the coating agent is added in an amount of 1.0 to 3.0 wt.%, relative to the weight of the manganese sulfide used.
41. (New) The method according to claim 32 wherein the ester of the inorganic acid is a phosphoric acid ester.
42. (New) The method according to claim 33 wherein the ester of the inorganic acid is a phosphoric acid ester.
43. (New) The method according to claim 34 wherein the ester of the inorganic acid is a phosphoric acid ester.
44. (New) The method according to claim 35 wherein the ester of the inorganic acid is a phosphoric acid ester.
45. (New) The method according to claim 36 wherein the ester of the inorganic acid is a phosphoric acid ester.

46. (New) The method according to claim 37 wherein the ester of the inorganic acid is a phosphoric acid ester.
47. (New) The method according to claim 38 wherein the ester of the inorganic acid is a phosphoric acid ester.
48. (New) The method according to claim 39 wherein the ester of the inorganic acid is a phosphoric acid ester.
49. (New) The method according to claim 40 wherein the ester of the inorganic acid is a phosphoric acid ester.
50. (New) The method according to any one of claims 41-49, wherein the ester of the phosphoric acid is diphenylcresylphosphate or triphenylphosphate.
51. (New) A method of improving a compression characteristics of a powder mixture comprising a step of using the surface coated powdered manganese sulfide according to any one of claims 17 to 31 as an additive.
52. (New) A method of improving processability of a molded sintered article comprising a step of Use of using the surface coated powdered manganese sulfide according to any one of claims 17 to 31 as an additive.
53. (New) A sinter powder comprising the surface coated powdered manganese sulfide according to any one of claims 17 to 22.
54. (New) A method of producing a molded article, comprising
providing the sinter powder according to claim 53;
compressing the sinter powder in a sinter mold that has an inner shape corresponding to a
final contour of a finished molded article;
heating the compressed sinter powder to a temperature above an evaporation temperature
of the coating agent, and optionally maintaining the compressed sinter powder at
the temperature for a period of time sufficient to ensure complete evaporation of
the coating agent;

sintering the compressed sinter powder; and
removing the molded article from the sinter mold.

55. (New) A molded article manufactured by the method according to claim 54.